

**Natural Resources Conservation Service**

**Application Ranking Summary**

**Lower South Platte WS - Cropland/Water Quality/Qua**

<b>Program:</b>	<b>Ranking Date:</b>	<b>Application Number:</b>
<b>Ranking Tool:</b> Lower South Platte WS - Cropland/Water Quality/Qua		<b>Applicant:</b>
<b>Final Ranking Score:</b>		<b>Address:</b>
<b>Planner:</b>		<b>Telephone:</b>
<b>Farm Location:</b>		

**National Priorities Addressed**

<b>Issue Questions</b>	<b>Responses</b>
<b>Clean and Abundant Water: Water Quality - Will the proposed project assist the producer to:</b>	
1. a. Meet regulatory requirements relating to animal feeding operations, or proactively avoid the need for regulatory measures?	Yes <input type="radio"/> or No <input type="radio"/>
1. b. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a designated impaired water body?	Yes <input type="radio"/> or No <input type="radio"/>
1. c. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a water body?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Clean and Abundant Water: Water Conservation - Will the proposed project assist the producer to:</b>	
2. a. Increase groundwater recharge in identified groundwater depletion areas ( <a href="http://water.usgs.gov/ogw/rasa/html/TOC.html">http://water.usgs.gov/ogw/rasa/html/TOC.html</a> )?	Yes <input type="radio"/> or No <input type="radio"/>
2. b. Conserve water from irrigation system improvements and result in estimated water savings of at least 5% and saved water will be available for other beneficial uses?	Yes <input type="radio"/> or No <input type="radio"/>
2. c. Conserve water in an area where the applicant participates in a geographically established or watershed-wide project?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Clean Air: Treatment of Air Quality from Agricultural Sources - Will the proposed project assist the producer to:</b>	
3. a. Meet regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?	Yes <input type="radio"/> or No <input type="radio"/>
3. b. Reduce green house gases such as methane, nitrous oxide, and volatile organic compounds (VOC)?	Yes <input type="radio"/> or No <input type="radio"/>
3. c. Increase carbon sequestration?	Yes <input type="radio"/> or No <input type="radio"/>
<b>High Quality, Productive Soils Erosion Reduction - Will the proposed project assist the producer to:</b>	
4. a. Reduce erosion to tolerable limits (Soil "T")?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Healthy Plant and Animal Communities Wildlife Habitat Conservation - Will the proposed project assist the producer to:</b>	
5. a. Benefit threatened and endangered, at-risk, candidate, or species of concern as identified in a State wildlife plan?	Yes <input type="radio"/> or No <input type="radio"/>
5. b. Retain wildlife and plant benefits on land exiting the Conservation Reserve Program (CRP)?	Yes <input type="radio"/> or No <input type="radio"/>
<b>High Quality, Productive Soils, Healthy Plant and Animal Communities: Special Environmental Efforts/Initiatives - Will the proposed project assist the producer to:</b>	
6. a. Eradicate or control noxious or invasive species?	Yes <input type="radio"/> or No <input type="radio"/>
6. b. Increase, improve or establish pollinator habitat?	Yes <input type="radio"/> or No <input type="radio"/>
6. c. Implement precision agricultural methods?	Yes <input type="radio"/> or No <input type="radio"/>
6. d. Properly dispose of animal carcasses?	Yes <input type="radio"/> or No <input type="radio"/>
6. e. Implement an Integrated Pest Management plan?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Energy Conservation – Will the proposed project assist the producer to:</b>	
7. a. Reduce energy consumption on the agricultural operation?	Yes <input type="radio"/> or No <input type="radio"/>

7. b. Increase on-farm energy efficiency with more efficient equipment?	Yes <input type="radio"/> or No <input type="radio"/>
7. c. Assist in implementing energy conservation measures that reduce emissions from GHGs and air pollutants?	Yes <input type="radio"/> or No <input type="radio"/>
Business Lines - Conservation Implementation Additional Ranking Considerations - Will the proposed project result in:	
8. a. Implementation of all planned conservation practices within three years of contract obligation?	Yes <input type="radio"/> or No <input type="radio"/>
8. b. Improvement of existing conservation practices or conservation systems already in place at the time the application is accepted, or will complete an existing conservation system?	Yes <input type="radio"/> or No <input type="radio"/>
Does the applicant meet the following conditions:	
9. a. If the applicant has an existing EQIP contract, has it been, and is it now, on schedule and in full compliance?	Yes <input type="radio"/> or No <input type="radio"/>
9. b. Did the applicant successfully complete any past contract(s) in full compliance?	Yes <input type="radio"/> or No <input type="radio"/>
9. c. Is this the applicant's first EQIP application?	Yes <input type="radio"/> or No <input type="radio"/>

#### State Issues Addressed

Issue Questions	Responses
1. Will the project reduce the amount of nutrients/pesticides/salt/selenium or other pollutants entering ground or surface waters?	Yes <input type="radio"/> or No <input type="radio"/>
2. Will the planned practice(s) promote water conservation on the contracted acres?	Yes <input type="radio"/> or No <input type="radio"/>
3. Does the project increase the diversity of desirable plants on grazing lands?	Yes <input type="radio"/> or No <input type="radio"/>
4. Does the project improve the health of riparian and/or wetland areas?	Yes <input type="radio"/> or No <input type="radio"/>
5. Does the project improve habitat for a wildlife species currently categorized as a State or Federal T&E species, Federal Candidate or Proposed species, or State Species of Concern?	Yes <input type="radio"/> or No <input type="radio"/>
6. Will the planned practice(s) reduce irrigation induced or streambank erosion?	Yes <input type="radio"/> or No <input type="radio"/>

#### Local Issues Addressed

Issue Questions	Responses
Irrigation System Improvement	
1. Will the irrigation system be converted to a Subsurface Drip system from a flood system? (system on the predominant acres)	Yes <input type="radio"/> or No <input type="radio"/>
2. Will the irrigation system be converted to a Subsurface Drip system from a gated pipe system? (system on the predominant acres)	Yes <input type="radio"/> or No <input type="radio"/>
3. Will the irrigation system be converted to a Subsurface Drip system from a high pressure (>50 psi) impact sprinkler (traveling sprinkler, side-roll, high pressure center pivot) system? (system on the predominant acres)	Yes <input type="radio"/> or No <input type="radio"/>
4. Will the irrigation system be converted to a Subsurface Drip system from a low pressure nozzle (15-45 psi) center pivot sprinkler system? (system on the predominant acres)	Yes <input type="radio"/> or No <input type="radio"/>
5. Will the irrigation system be converted to a Low Pressure nozzle (15-45 psi) Center Pivot sprinkler system from a flood system? (system on the predominant acres)	Yes <input type="radio"/> or No <input type="radio"/>
6. Will the irrigation system be converted to a Low Pressure nozzle (15-45 psi) Center Pivot sprinkler system from a gated pipe system? (system on the predominant acres)	Yes <input type="radio"/> or No <input type="radio"/>
7. Will the irrigation system be converted to a Low Pressure nozzle (15-45 psi) Center Pivot sprinkler system from a high pressure (>50 psi) impact sprinkler (traveling sprinkler, side-roll, high pressure center pivot) system? (system on the predominant acres)	Yes <input type="radio"/> or No <input type="radio"/>
8. Will the irrigation system be converted to a high pressure (>50 psi) Impact Sprinkler (traveling sprinkler, side-roll, high pressure center pivot) system from a flood system? (system on the predominant acres)	Yes <input type="radio"/> or No <input type="radio"/>
9. Will the irrigation system be converted to a high pressure (>50 psi) Impact Sprinkler (traveling sprinkler, side-roll, high pressure center pivot) system from a gated pipe system? (system on the predominant acres)	Yes <input type="radio"/> or No <input type="radio"/>
10. Will the irrigation system be converted to a Gated Pipe system from a flood system? (system on the predominant acres)	Yes <input type="radio"/> or No <input type="radio"/>

<b>New Ditch Lining or Irrigation Pipeline</b>	
11. Will a new Ditch Lining or Irrigation Pipeline be constructed to replace/improve a ditch or pipeline on a sandy, loamy sand, sandy loam, loam or silty loam soil type? (water delivered to the field - based on predominant soil type) Answer no if any "yes" answers given on questions 1-10.	Yes <input type="radio"/> or No <input type="radio"/>
12. Will a new Ditch Lining or Irrigation Pipeline be constructed to replace/improve a ditch or pipeline on a sandy clay loam, clay loam, silt, silty clay, or silty clay loam soil type? (water delivered to the field - based on predominant soil type) Answer no if any "yes" answers given on questions 1-10.	Yes <input type="radio"/> or No <input type="radio"/>
13. Will a new Ditch Lining or Irrigation Pipeline be constructed to replace/improve a ditch or pipeline on a sandy clay loam, clay loam, silt, silty clay, or silty clay loam soil type? (water delivered to the field - based on predominant soil type) Answer no if any "yes" answers given on questions 1-10.	Yes <input type="radio"/> or No <input type="radio"/>
<b>Land Conversion (5yr) - Irrigated to Non-irrigated</b>	
14. Are the contracted acres to be converted to dryland cropping or perennial vegetation, and is the water source a Surface Diversion?	Yes <input type="radio"/> or No <input type="radio"/>
15. Are the contracted acres to be converted to dryland cropping or perennial vegetation, and is the water source Ground Water?	Yes <input type="radio"/> or No <input type="radio"/>
16. Is the land to be converted to Perennial Vegetation?	Yes <input type="radio"/> or No <input type="radio"/>
17. Is the land to be converted to Dryland cropping?	Yes <input type="radio"/> or No <input type="radio"/>
18. Will the participant convert the land to non-irrigated perennial vegetation under a long-term (5yr) conversion, and implement Prescribed Grazing (528) or Upland Wildlife Habitat Management (645)?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Irrigation Water Management</b>	
19. Irrigation Water Management: Will the participant carry out Irrigation Water Management (449) using Soil Moisture Monitoring, Record Keeping, and a System Measuring Device? Soil moisture Monitoring - gypsum blocks, ET, tensiometer, hand-feel method; Record Keeping - must include H2O applied, rainfall, consumptive use, and soil moisture storage; System Measuring Device - weir, flume, flowmeter, or Certified Power Consumption Coefficient Test.	Yes <input type="radio"/> or No <input type="radio"/>
20. Moisture Management: Will the participant carry out No-Till/Strip-Till/Direct Seed (329) to manage moisture on 100% of the cropland acres?	Yes <input type="radio"/> or No <input type="radio"/>

**Land Use:**

Resource Concerns	Practices
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**Ranking Score**

Efficiency:  Local Issues:  State Issues:  National Issues:  <b>Final Ranking Score:</b>
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This ranking report is for your information. It does not in any way guarantee funding. When funding becomes available, you will be notified if your application is selected for funding. Some changes to the application may be required before a final contract is awarded.

Notes:

<b>NRCS Representative:</b>   <b>Signature Date:</b>	<b>Applicant Signature Not Required on this report for Contract Development unless required by State policy:</b>   <b>Signature Date:</b>
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